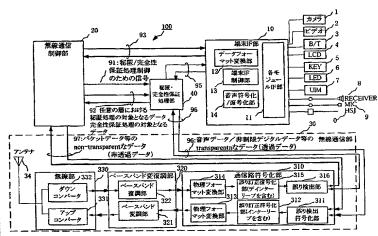(54) Title: RADIO COMMUNICATION DEVICE AND RADIO COMMUNICATION METHOD

(54) 発明の名称: 無線通信装置及び無線通信方法

20...RADIO COMMUNICATION CONTROL UNIT
91...SIGNAL FOR CONTROL OF SECRETING/COMPLETENESS-SECURING
40...SECRETING/COMPLETENESS-SECURING UNIT
92...DATA TO BE SECRETED IN ANY LAYER AND DATA THE COMPLETENESS OF WHICH IS TO BE SECURED
10...TERMINAL IF UNIT
12...DATA FORMAT CONVERTING SECTION
13...TERMINAL IF CONTROL SECTION
14...AUDIO ENCODING/DECODING SECTION
11...MODULE IF SECTIONS
1...CAMERA
2...VIDEO
97...NON-TRANSPARENT DATA SUCH AS PACKET DATA
96...TRANSPARENT DATA SUCH AS AUDIO DATA/NON-LIMITED DATA
30...RADIO COMMUNICATION UNIT
34...ANTENNA
330...RADIO SECTION
332...DOWN CONVERTER
331...UP CONVERTER
320...BASEBAND MODULATING/DEMODULATING SECTION
322...BASEBAND DEMODULATING PART
321...BASEBAND MODULATING PART
310...COMMUNICATION LINE ENCODING SECTION
314...PHYSICAL FORMAT CONVERTING PART
313...PHYSICAL FORMAT CONVERTING PART
315...ERROR CORRECTION DECODING PART (INCLUDING DEINTERLEAVING)
312...ERROR CORRECTION ENCODING PART (INCLUDING INTERLEAVING)
316...ERROR DETECTING SECTION
311...ERROR DETECTING/CORRECTING PART

(57) Abstract: A radio terminal (MS) (100) capable of secreting and securing completeness in layer 2 or higher-order layers and comprising a terminal IF unit (10), a radio communication control unit (20), a radio communication unit (30), and a secreting/completion-securing unit (40) connected to the terminal IF unit (10), the terminal IF unit (20), and the radio communication unit (30). The secreting/completeness-securing unit (40) only secrets transparent data such as audio data with respect to the terminal IF unit (10) and the radio communication unit (30), secrets non-transparent data and/or secures the completeness of the nontransparent data with respect to the radio communication control unit (20), and selectively secrets data on layer 2 and the higher-order layers outputted from the radio communication unit (30) or secures the completeness of the data according to the type of data.

[続葉有]